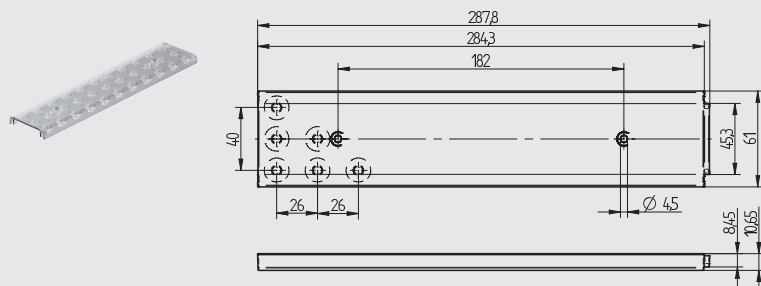


LED - Lighting and connection technology

35.333

3x11 Optics - Narrow beam 30°



pkg. 90
wt. 74.2 g
part no. 35.333.1001-0

3x11 Optic for LED modules according to **Z** Zhaga Book 7

3D Injection-molded optic made of PMMA
Key and slot system for a complete assembly of the optics
Optimised for LED type 2835, 3030 and 5630
Compatible with freely available 280 mm (1 ft) and 560 mm (2 ft) 3x11 LED modules

Protection class: IP 40

Area of application:

For use in linear- and panel lights
Office: Work place lighting and corridor lighting
Shop: General lighting and corridor lighting
Industry: Park stores, department stores and warehouses
Public Areas: Corridors and stairways

- Improved visibility and contrast of the illuminated areas
- Good and uniform light distribution
- Reduced glare

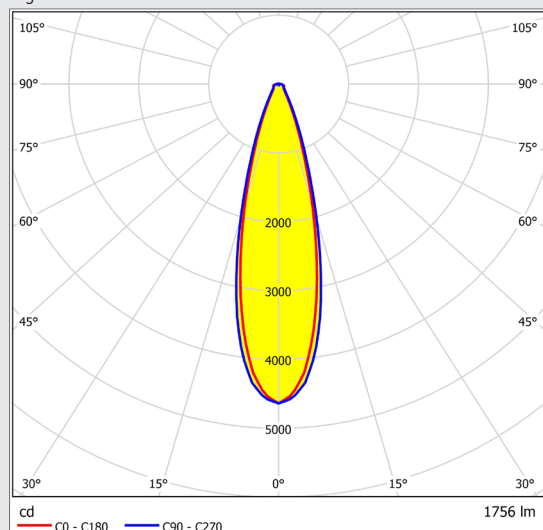
part no.	35.333.1001.85
Height	10 mm
Width	61 mm
Length	288 mm
Type of fixing	Screw fixing (1.2 Nm): for screws M4
LED Type	2835, 3030, 5630
Material	PMMA
Colour	clear
Surface outside	eroded rough VDI ref. 36
Light distribution	narrow beam
Beam angle (FWHM)	30° (Lextar PC56H19 V1)
Optical efficiency	93% (Lextar PC56H19 V1)
Operating temperature	-40 °C up to 80 °C*

The presented information are for reference only. All lighting parameters are typical values.
The light distribution depends on the used LED type, position tolerance, chip size and used colour.

IP 40 CAD

* 70°C, if ball pressure test according to EN 60598-1 section 13.2.1 is required for components that ensure protection against electric shock

Light distribution with LED Lextar PC56H19 V1



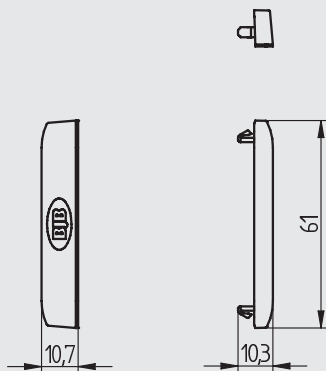


pkg. wt. part no.
500 2 g 35.903.E302-0

End cap for 3x11 optics
For use with optics 35.333.100x

Snap in fixing

- Only 1 end cap for both sides
- Optimised for 1.6 mm wide LED modules

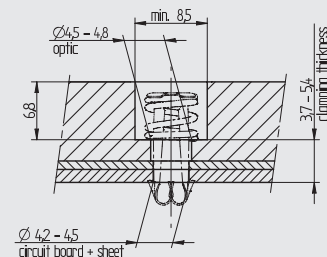
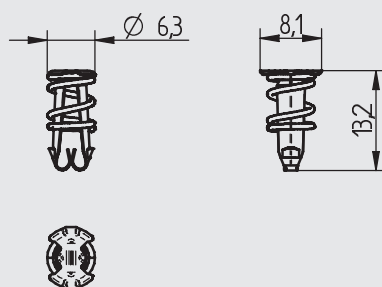


pkg. wt. part no.
5000 0,4 g 28.905.U101-0

P2F (Push to Fix) Fixing element for optics

With the optics P2F, which is available as an accessory, both the circuit board and the optics can be attached simply, quickly and securely with one click.

- Just **one** step for assembling optics and LED module
- Easy, quick and secure assembly by pressing down the P2F fixing element
- Reliable heat dissipation due to constant contact pressure 10 N/P2F
- Total thickness: 3.7 up to 5.4 mm



Example of application

